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SUGAR REPORTS

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AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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MARKET REVIEW

Sales of sugar by primary distributors in 1971 continue to compare well with early 1970 when record quantities were distributed. Preliminary reports indicate that distribution through April 17 totaled 2,885,000 short tons, raw value, compared with 3,007,000 tons during the same period last year. Inclusion of constructive deliveries^{1/} of 162,000 tons at year-end 1970 compared with 40,000 tons at the end of 1969 would bring total physical deliveries in 1971 to 3,047,000 tons or about the same quantity that was distributed during the comparable period of 1970. Reported deliveries during March 1971 were the highest for any March since 1941.

Stocks of raw and refined sugar held by all primary distributors on March 27, 1971 totaled 2,675,000 short tons, raw value, according to preliminary reports. This was about 152,000 tons less than at the end of February and 86,000 tons less than at the end of March last year. Beet processors' stocks of 1,501,000 tons were down 206,000 tons from a month earlier and 52,000 tons less than at the end of March 1970. Cane sugar refiners' stocks of raw and refined sugar were reported as 766,000 tons up 95,000 tons from a month earlier but down 29,000 tons from a year earlier.

Reported deliveries of sugar by states of destination during January and February of 1971 were about 11 percent below those of January and February 1970. Decreases occurred in all of the five geographic regions. Deliveries in the West declined the most, 24.4 percent followed by the North Central region which was down 16.2 percent, the mid-Atlantic 6.7 percent, New England 4.0 percent and the South 2.4 percent. Constructive deliveries were quite heavy in the West and North Central regions, hence the large reduction in reported deliveries.

Individually, 14 states had larger deliveries of sugar during the first two months of 1971, as compared with those months of 1970; four states received about the same quantities and 32 received less. Florida had the largest increase, 88,000 hundredweight followed by Maryland up 27,000 hundredweight and Alabama and Georgia each of which had increases of 18,000 hundredweight. Of those states where reported deliveries were less in the first two months of 1971, five had declines of more than 200,000 hundredweight. They were Illinois down 823,000 hundredweight,

^{1/} Sugar sold before year's end but physically delivered in the first two months of the following year.

California down 675,000, Michigan down 272,000, New York down 268,000 and Indiana down 123,000 hundredweight.

Cane sugar production in Hawaii through April 10, 1971 totaled 187,620 tons, 96⁰ basis, compared with 243,400 tons produced through April 11 last year.

Production of cane sugar in Puerto Rico through April 11, 1971 amounted to 175,040 tons 96⁰ basis, compared with 305,910 tons produced through the same week of April last year. The yield of sugar per ton of cane in 1971 has averaged 7.603 percent compared with 8.003 percent through April 12, 1970.

The spot quotation for raw sugar duty paid, and delivered to New York, as quoted on the New York Coffee and Sugar Exchange, averaged 8.37 cents per pound in March, down from 8.44 cents in February and up from 7.90 cents in March of last year. During March the New York quotation continued the weakening trend which began on Feb. 25, when it declined from 8.45 cents to 8.43 cents per pound. On March 3 the quotation declined to 8.40 cents, on March 18 to 8.35 cents and on March 23 to 8.30 cents per pound. On April 2, there occurred a further decline of .05 cent to 8.25 cents but on April 16 the quotation strengthened, rising to 8.30 cents. For the period April 1-23, the quotation averaged 8.28 cents compared with 7.90 cents during the same period last year.

Wholesale price quotations for refined sugar sold in the basis pack-100-pound paper bags-- and in bulk in the several geographic regions have remained relatively steady since March 1. Announced increases in the quotations for most of the regions which were to take effect March 1 did not become fully effective in the Northeast, Gulf and Chicago - West regions. In the Northeast, sellers had announced they would consider orders for delivery of industrial sugars through April 30 at .10 cent per pound below the list price of 12.50 cents. Later these terms were revised, extending the delivery period through June 30, 1971.

In the Gulf region, sellers have indicated they will entertain orders for 100-pound bags of sugar through April 30 at .20 cent per pound below the list price of 11.70 cents and in the Chicago-west area some sugar is available in the basis pack, on a day-to-day basis at 11.60 cents per pound, or .30 cent below the list price of 11.90 cents. One cane sugar refiner in this region announced on March 24 that effective April 1 the list price for liquid sugars would be increased .20 cent per pound to 11.80 cents f.o.b. Other interested sellers have followed with announcements reflecting similar prices and terms.

Shown below are the price quotations for refined sugar sold at wholesale in the basis pack and in bulk, by regions. Significant variations of actual prices from the quoted prices may be found in certain areas reflecting competitive conditions.

PRICE QUOTATIONS IN CENTS PER POUND

	<u>Hundredweights cane or beet</u>	<u>Bulk dry cane or beet</u>
Northeast	12.40/12.50	12.20
Southeast	12.00	11.75/11.80
Gulf	11.50/11.70	11.25
Eastern beet	11.60	11.45
Chicago-west	11.60/11.90	11.45/11.75
Lower Pacific	11.40	11.25
Northwest Intermountain	11.35	11.10

The U. S. retail price for refined sugar sold in 5-pound paper bags averaged 13.46 cents per pound during March compared with 13.44 cents in February and 12.70 cents in March of last year.

The New York Coffee and Sugar Exchange spot quotation for World bulk sugar, f.o.b. and stowed at Greater Caribbean ports, including Brazil (No. 11 Contract) averaged 4.71 cents per pound in March, down from 4.83 cents in February. Comparable figures for March of last year are not available since this Contract was initiated in May of 1970. However, the March 1970 spot quotation for bagged sugar was 3.44 cents per pound. The premium for bagged sugar approximates .07 cents per pound.

The World sugar price continued strong in early March rising to 5.08 cents per pound on March 10. This prompted the International Sugar Organization to take several actions in an effort to stabilize prices. On March 11 they reallocated a shortfall of 150,000 tons of sugar stemming from a deficit in Poland's quota. On March 16 they announced that if the prevailing price for sugar remained above 4.75 cents per pound by March 21, 1971, no action would be taken to alter the provision of the Agreement which provides for the release and prompt offering for sale and shipment of 50 percent of the total sugar held at that time as minimum stocks under Article 53 of the Agreement when the prevailing price exceeds 4.75 cents. The World sugar price (New York Coffee and Sugar Exchange) broke on March 15, falling to 4.60 cents per pound. The weakness in the price continued and by March 22 it had declined to 4.35 cents. The ISA daily price followed a similar trend. Meanwhile, on March 19, the ISO noted that the price had declined below 4.75 cents per pound and accordingly that the release of

stocks would not occur. On the same day they announced allocations of 27,000 tons from the Special Hardship Fund, 17,000 tons to the Dominican Republic and 10,000 tons to Thailand. On March 26 the ISO announced that it had raised the quotas in effect of the Dominican Republic and Thailand by 60,000 and 35,000 tons, respectively, subject to certain undertakings.

At the conclusion of the full session of the International Sugar Council on March 26 it was announced that during the session the Council adopted a revised estimate of the net import requirements for the free market for 1971 of a total of 8,952,000 tons (compared with an estimate of 8,864,000 tons made in November 1970.)

On March 24, the price began a strengthening trend, and by March 29 had risen to 4.68 cents per pound. During the period April 1-23 the World quotation has ranged between 4.58 cents and 4.75 cents per pound and on April 23 was 4.58 cents, averaging 4.65 cents per pound for the April 1-23 period.

The spot quotation for World sugar, bagged and stowed at Greater Caribbean ports (No. 8 Contract of the New York Coffee and Sugar Exchange) averaged 4.78 cents per pound in March down from 4.90 cents in February but up from 3.44 cents in March of last year. The difference in the bagged and bulk sugar quotations, which primarily represents the costs of bags and bagging, has ranged from .10 cent in May 1970, when the No. 11 Contract was initiated, to .06 cent in July and August. In January 1971, the World bulk sugar price quotation averaged .09 cent per pound below that for World bagged sugar while in February and March it has averaged .07 cent less.

ADMINISTRATIVE ACTIONSDate announcedNature of action

March 29,
1971

Announced that requests for increases in proportionate shares (farm acreage allotments) for sugarcane farms in Florida must be filed by May 1 instead of June 30. The increases in shares for old-producer farms will be made from proportionate share acreage underplanted in the State.

Operators of old-producer farms need to file requests for additional acreage at their ASCS county office. (See April 1, 1971 Federal Register)

March 31,
1971

Announced a determination of fair and reasonable prices for the 1970-71 crop of Puerto Rican sugarcane. The determination continues the provisions of the prior determination except that in determining the f.o.b. mill price of sugar on which payments to producers are based, processors may deduct the actual costs of selected items of selling and delivery expenses that have been covered by a blanket allowance of seven cents per hundred-weight of sugar. The change is not expected to alter the rate at which producers and processors share in the returns from sugar and molasses. (See April 6, 1971 Federal Register)

April 1,
1971

Announced that a public hearing will be held April 23, 1971, on fair and reasonable prices for the 1971 crop of Hawaiian sugarcane.

The hearing will be in the Council Room of the Hawaii County Building, 25 Aupuni Street, Hilo, Hawaii, beginning at 9:00 a.m.

The Sugar Act of 1948, as amended, provides as one of the conditions for payment that producers who process sugarcane grown by other producers must pay for it -- under either purchase or toll agreements -- at rates not less than those determined by the Secretary of Agriculture to be fair and reasonable. (See April 7, 1971 Federal Register).

Date announcedNature of action

April 5,
1971

Approved local producing areas in Hawaii as eligible for abandonment and crop deficiency payments on the 1970 crop of sugarcane. (See April 9, 1971 Federal Register).

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. March 1971 sugar deliveries for continental U.S. consumption 1,008,000 short tons, raw value (preliminary), up 301,000 tons from February 1971 and up 80,000 tons from March 1970. January-March 1971 deliveries 2,434,000 short tons, raw value, down 93,000 tons from January-March 1970. Final data for February 1971 deliveries 706,000 short tons, raw value - previously published preliminary as 711,000 tons.
2. Primary distributors' stocks March 27, 1971 were 2,675,000 short tons, raw value (preliminary) down 86,000 tons from a year ago, and down 152,000 tons from February 1971. During March refiners stocks increased 95,000 tons, beet processors' stocks decreased 206,000 tons, mainland cane processors' stocks decreased 38,000 tons and importers of direct consumption sugar stocks decreased about 4,000 tons.
3. Charges to quotas January 1 to March 31, 1971 were 3,813,484 short tons, raw value, leaving a balance of 7,086,516 tons to be supplied within the 10,900,000 ton total.
4. Regionally, January-February deliveries, 1971 as compared to 1970 were down in all of the 5 regions: Decreases - West 24.4 percent, North Central 16.2 percent, Mid-Atlantic 6.7 percent, New England 4.0 percent and South 2.4 percent.

Table 1.- Sugar supply and disposition by primary distributors, January-February 1971

(Short tons, raw value)

Item	Beet	Importers	Main-land cane	Refiners		Net total
	processors		processors	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan. 1, 1971</u>	1,347,551	3,879	373,340	805,460 ^{2/}	252,715 ^{2/}	2,783,945
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	12,439	0	0	0	12,439
b. Produced from beets or cane	619,902	0	358,619	0	0)	
Less deliveries to refiners	0	0	249,360	0	0)	729,161 ^{3/}
c. Receipts of raws by refiners	0	0	0	881,271 ^{4/}	0)	
Less raws melted	0	0	0	1,166,854	0)	-285,583 ^{5/}
d. Refined from raws melted	0	0	0	0	1,148,446	1,148,446
e. Adjustments	+7,370	+24	+2,219	-2,524	-6,940	+149
f. Sub-total	627,272	12,463	111,478	-288,107	1,141,506	1,604,612
3. <u>Net total supply</u>	1,974,823	16,342	484,818	518,353	1,394,221	4,388,557
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	293,425	6,795	12,224	2,176	1,111,693	1,426,313
b. Export	0	0	0	0	13,674	13,674
c. Livestock feed	0	1,500	0	123	3,485	5,108
d. Alcohol	0	0	0	0	474	474
d. Sub-total	293,425	8,295	12,224	2,299	1,129,326	1,445,569
5. <u>Inventory Feb. 28, 1971</u>	1,681,398	8,047	472,594	516,054 ^{6/}	264,895 ^{6/}	2,942,988
6. <u>Total distribution and inventory</u>	1,974,823	16,342	484,818	518,353	1,394,221	4,388,557

^{1/} Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

^{2/} Includes mainland cane sugar not charged to quota: Raws, 139,487; Refined, 14,309; Total, 153,796.

^{3/} Production less deliveries of raw sugar to refiners.

^{4/} Includes 249,360 tons received from mainland cane processors.

^{5/} Receipts of raw sugar by refiners less melt.

^{6/} Refiners' inventories include mainland cane sugar not charged to quota: Raws, 54,904; Refined, 3,402; Total, 58,306. Importers' inventory include 2,012 tons for quota exempt purposes.

Table 2.-Distribution of sugar by primary distributors, January-February 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
Continental United States			
Refiners' raw	2,299	2,976	-677
Refiners' refined	1,129,326	1,119,329	+9,997
Sub-total	1,131,625	1,122,305	+9,320
Beet processors' refined	293,425	470,213	-176,788
Importers' direct consumption	8,295	19,002	-10,707
Mainland sugarcane processors'	12,224	9,660	+2,564
Total	1,445,569	1,621,180	-175,611
For: Export	13,674	9,884	+3,790
Livestock feed	5,108	12,343	-7,235
Alcohol	474	414	+60
Continental consumption ^{1/}	1,426,313	1,598,539	-172,226
	^{2/}		
Puerto Rico	18,000	17,927	+73
Hawaii	4,768	4,469	+299

1/ Includes deliveries for United States military forces at home and abroad. 2/ Estimated

Table 3.- Stocks of sugar held by primary distributors in the continental United States, February 28, 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
Refiners' raw	516,054	407,407	+108,647
Refiners' refined	264,895	263,660	+1,235
Sub-total ^{1/}	780,949	671,067	+109,882
Beet processors' refined	1,681,398	1,707,397	-25,999
Importers' direct consumption	8,047	11,027	-2,980
Mainland sugarcane processors'	472,594	437,810	+34,784
Total	2,942,988	2,827,301	+115,687

1/ Included mainland cane sugar not charged to quota: 1971 - raws, 54,904; Refined, 3,402; Total, 58,306; 1970 - Raws, 46,145; Refined, 15,372; Total, 61,517

Table 4 -Distribution of sugar by primary distributors in the continental United States, March and January-March 1971 and 1970

	1971 ^{1/}	1970
	March	Jan.-Mar.
Short tons, raw value		
Refiners	695,215	1,826,840
Beet processors' refined	297,981	591,406
Importers' direct consumption	10,318	18,613
Mainland sugarcane processors'	4,000 ^{2/}	16,224
Total	1,007,514	2,453,083
For: Export	n.a.	13,674
Livestock feed	n.a.	5,108
Alcohol	n.a.	474
Continental consumption ^{3/}	1,007,514	2,433,827

1/ Preliminary. 2/ Estimated. 3/ Includes deliveries for U.S. military forces at home and abroad.

Table 5.- Stocks of sugar held by primary distributors in the continental United States, March 27, 1971 and March 31, 1970

Item	1971 ^{1/}	1970	Change 1970 to 1971
Short tons, raw value			
Refiners' raw	491,726	532,391	-40,665
Refiners' refined	274,709	263,532	+11,177
Sub-total	766,435	795,923	-29,488
Beet processors' refined	1,501,477	1,553,443	-51,966
Importers' direct consumption	7,479	8,345	-866
Mainland sugarcane processors'	400,000 ^{2/}	403,595	-3,595
Total	2,675,391	2,761,306	-85,915

1/ Preliminary

2/ Estimated

Table 6.- Mainland sugar: Production and quota charges January-February 1971 and 1970

Item	1971	1970	Change 1970 to 1971
Short tons, raw value			
<u>Production</u>			
Mainland cane	359,174	302,154	+57,020
Domestic beet	<u>619,902</u>	<u>764,448</u>	<u>-144,546</u>
Total	979,076	1,066,602	-87,526
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	182,801	233,376	-50,575
For direct-consumption	1,377	4,500	-3,123
Louisiana processor-refiners	29,901	34,269	-4,368
Florida sugarcane processors	<u>141,331</u>	<u>163,969</u>	<u>-22,638</u>
Sub-total	<u>355,410</u>	<u>436,114</u>	<u>-80,704</u>
Beet processors	<u>293,425</u>	<u>470,213</u>	<u>-176,788</u>
Total	648,835	906,327	-257,492

Table 7.- Offshore receipts of quota exempt and over-quota sugar included in Table 8

Purpose	Refiners		Importers		Total	
	1971	1970	1971	1970	1971	1970
Short tons, raw value						
<u>For export</u>						
Brazil	1,770		120		1,770	120
Dominican Republic	19,252				19,252	
Guatemala		5,890				5,890
Hawaii		337				337
Honduras		<u>174</u>				<u>174</u>
Total	21,022	6,401	120		21,022	6,521
<u>For livestock</u>						
Brazil		5,517				5,517
Dominican Republic	4,233				4,233	
South Africa		9,429				9,429
United Kingdom			<u>3,509</u>		<u>3,509</u>	
Total	4,233	14,946	3,509		7,742	14,946
<u>For alcohol</u>						
Brazil	<u>4,912</u>				<u>4,912</u>	
Total	4,912				4,912	
<u>Held pending availability of quota</u>						
Bahamas	<u>484</u>				<u>484</u>	
Total	484				484	
GRAND TOTAL	30,651	21,347	3,509	120	34,160	21,467

Table 8.- Sugar receipts of refiners and importers by source of supply^{1/} January-February 1971 and 1970

	Raw sugar		Direct consumption		Total	
	1971	1970	1971	1970	1971	1970
Short tons, raw value						
<u>OFFSHORE</u>						
<u>Foreign</u>						
Argentina		4,743			4,743	
Bahamas	5,485	1,998			5,485	1,998
Brazil	103,073	96,765		120	103,073	96,885
British West Indies	9,964	5,166			9,964	5,166
Colombia	6,874			8	6,874	8
Costa Rica	12,141	6,302			12,141	6,302
Denmark			10	10	10	10
Dominican Republic	139,367	95,886			139,367	95,886
Ecuador	7,187	9,417			7,187	9,417
El Salvador	16,867	15,317			16,867	15,317
French West Indies	4,910				4,910	
Germany, West				10		10
Guatemala	21,908	24,244			21,908	24,244
Honduras	4,879	5,227			4,879	5,227
India			3	4	3	4
Ireland			2,606	2,672	2,606	2,672
Mexico	116,221	118,509	5		116,226	118,509
Netherlands			10	10	10	10
Nicaragua	6,441				6,441	
Panama	2,889	5,758			2,889	5,758
Peru	40,601	40,909			40,601	40,909
Philippines	98,398		2,504		100,902	
South Africa	5,021	14,849			5,021	14,849
Sweden			5	6	5	6
United Kingdom			3,512		3,512	
Venezuela	4,821	7,686			4,821	7,686
Total	607,047	452,776	8,655	2,840	615,702	455,616
<u>Domestic</u>						
Hawaii	24,404	76,392	0 ^{2/}	900 ^{2/}	24,404	77,292
Puerto Rico		43,123	3,784	17,285	3,784	60,408
Virgin Islands	0	0	0	0	0	0
Total	24,404	119,515	3,784	18,185	28,188	137,700
Total offshore	631,451	572,291	12,439	21,025	643,890	593,316
Mainland cane area	249,360	265,078	0 ^{3/}	0 ^{3/}	249,360	265,078
Acquired for reprocessing and samples	460	293			460	293
Grand total	881,271	837,662	12,439	21,025	893,710	858,687

^{1/} Includes sugar as detailed in Table 7.

^{2/} Refined sugar received by refiners.

^{3/} Refined sugar produced direct from cane by processor - refiner

Table 9- Status of 1971 quotas and charges as of March 31, 1971

Source of supply	Quotas and prorations	Charges to quotas 1/			Balances 2/
		Set-aside	By SU-3	Total 2/3/	
Short tons, raw value					
Domestic beet sugar	3,263,333			591,000	2,672,333
Mainland cane sugar	1,186,667			450,000	736,667
Hawaii	1,180,000			140,561	1,039,439
Puerto Rico	1,140,000			35,374	1,104,626
Virgin Islands	15,000			0	15,000
Total	6,785,000			1,216,935	5,568,065
Republic of the Philippines	1,126,020	322,835	240,982	563,817	562,203
Argentina	57,331	19,132	29,238	48,370	8,961
Australia	194,965				194,965
Bahamas	10,000	5,000	5,000	10,000	
Bolivia	5,548		217	217	5,331
Brazil	466,048	142,169	234,829	376,998	89,050
British Honduras	11,953	4,800	5,822	10,622	1,331
British West Indies	164,079	57,240	33,512	90,752	73,327
China, Republic of	81,235	23,616	27,904	51,520	29,715
Colombia	49,317	15,578	14,102	29,680	19,637
Costa Rica	54,865	24,350	29,408	53,758	1,107
Dominican Republic	466,048	226,694	211,489	438,183	27,865
Ecuador	67,811	8,198	19,759	27,957	39,854
El Salvador	33,905	8,034	23,101	31,135	2,770
Fiji Islands	42,784		749	749	42,035
French West Indies	51,614	29,802	13,278	43,080	8,534
Guatemala	46,234	17,412	28,822	46,234	
Haiti	25,892	13,116		13,116	12,776
Honduras	5,548		5,259	5,259	289
India	77,986	32,269		32,269	45,717
Ireland	5,351		3,510	3,510	1,841
Malagasy Republic	9,206				9,206
Mauritius	17,872				17,872
Mexico	476,527	239,090	184,743	423,833	52,694
Nicaragua	54,865	16,014	37,851	53,865	1,000
Panama	34,522	14,126	8,455	22,581	11,941
Peru	371,729	56,942	103,239	160,181	211,548
South Africa	57,406	17,472	17,448	34,920	22,486
Swaziland	7,041		365	365	6,676
Thailand	17,872		847	847	17,025
Venezuela	23,426	10,818	11,913	22,731	695
Total	4,115,000	1,304,707	1,291,842	2,596,549	1,518,451
GRAND TOTAL	10,900,000			3,813,484	7,086,516

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances; Hawaii 1,432 and 35,846; Panama, 24 and 3,793; Philippines, 3,959 and 55,961; Puerto Rico 15,280 and 148,220; Ireland 3,510 and 1,841.

3/ Includes raw sugar for direct consumption: Hawaii 0; Puerto Rico 0

Table 10.- Quota-exempt and over quota sugar authorized for entry as of March 31, 1971 1/

Country	Reexport	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Bahamas				484	484
Brazil	5,369	3,547	11,732		20,648
Colombia				10,557	10,557
Dominican Republic	22,204	4,233			26,437
Guatemala				1,596	1,596
Nicaragua				7,174	7,174
United Kingdom		3,509			3,509
Total	27,573	11,289	11,732	19,811	70,405

1/ In addition:

(a) Under provisions of Sec. 212, 107 tons were entered as liquid sugar in small containers; 63 tons as the first ten tons;

(b) Raw sugar was brought in for refining and return to: Hawaii 0 tons; Puerto Rico 0 tons;

(c) Tons of sugar in Customs custody for subsequent entry: Hong Kong 40 tons.

Table 11 - Primary distribution of sugar, continental United States, by States, February 1971

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
<u>New England</u>					
Connecticut	102,358				102,358
Maine	38,534		458		38,992
Massachusetts	394,858	2,400	1,990	2,016	401,264
New Hampshire	29,153				29,153
Rhode Island	33,405		350		33,755
Vermont	17,639				17,639
Sub-total	615,947	2,400	2,798	2,016	623,161
<u>Mid-Atlantic</u>					
New Jersey	675,181	1,000	6,860	8,016	691,057
New York	1,125,158	24,627	8,951	1	1,158,737
Pennsylvania	1,005,192	14,597	6,326		1,026,115
Sub-total	2,805,531	40,224	22,137	8,017	2,875,909
<u>North Central</u>					
Illinois	697,313	710,299	800	600	1,409,012
Indiana	264,697	59,487			324,184
Iowa	55,527	78,149			133,676
Kansas	55,659	70,250			125,909
Michigan	211,352	262,394			473,746
Minnesota	39,183	150,241			189,424
Missouri	233,165	105,358			338,523
Nebraska	11,070	73,896			84,966
North Dakota	1,734	30,154			31,888
Ohio	587,474	213,411		-216	800,669
South Dakota	1,188	17,308			18,496
Wisconsin	111,949	138,808			250,757
Sub-total	2,270,311	1,909,755	800	384	4,181,250
<u>Southern</u>					
Alabama	163,551			4,055	167,606
Arkansas	85,926	6,000			91,926
Delaware	146,493				146,493
District of Columbia	33,592				33,592
Florida	337,383			63,012	400,395
Georgia	490,338			2,360	492,698
Kentucky	160,006				160,006
Louisiana	188,175			1,485	189,660
Maryland	364,404		5,142	9,072	378,618
Mississippi	100,076			50	100,126
North Carolina	274,527	-16,192	100		258,435
Oklahoma	86,682	39,463			126,145
South Carolina	126,601				126,601
Tennessee	303,334	10	1,104		304,448
Texas	564,600	106,867		3,691	675,158
Virginia	237,404		9,156	2,000	248,560
West Virginia	48,458	2,400			50,858
Sub-total	3,711,550	138,548	15,502	85,725	3,951,325
<u>Western</u>					
Alaska	1,632	4,315			5,947
Arizona	24,243	17,410			41,653
California	531,967	464,860	11,200		1,008,027
Colorado	17,261	98,507			115,768
Idaho	2,960	19,185			22,145
Montana	1,381	15,758			17,139
Nevada	4,592	2,310			6,902
New Mexico	3,277	15,018			18,295
Oregon	55,907	52,252			108,159
Utah	11,102	68,859			79,961
Washington	66,533	108,579			175,112
Wyoming	2,100	5,296			7,396
Sub-total	722,955	872,349	11,200		1,606,504
Grand total	10,126,294	2,963,276	52,437	96,142	13,238,149

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12 - Primary distribution of sugar, continental United States, by States, January-February 1971

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
<u>New England</u>					
Connecticut	198,571	4,000	1,613		204,184
Maine	78,572		907		79,479
Massachusetts	776,615		2,390	2,316	781,321
New Hampshire	58,663		403		59,066
Rhode Island	69,559		753		70,312
Vermont	43,555				43,555
Sub-total	1,225,535	4,000	6,066	2,316	1,237,917
<u>Mid-Atlantic</u>					
New Jersey	1,344,978	1,000	15,994	11,720	1,373,692
New York	2,315,320	47,380	21,170	2,001	2,385,871
Pennsylvania	1,934,815	31,207	26,672		1,992,694
Sub-total	5,595,113	79,587	63,836	13,721	5,752,257
<u>North Central</u>					
Illinois	1,516,570	1,250,044	800	2,200	2,769,614
Indiana	580,272	107,036			687,308
Iowa	120,278	195,545			315,823
Kansas	90,429	151,363		400	242,192
Michigan	480,554	417,848			898,402
Minnesota	95,426	316,178			411,604
Missouri	516,563	199,398			715,961
Nebraska	27,964	181,776			209,740
North Dakota	2,706	57,488			60,194
Ohio	1,213,893	383,292	2,000		1,599,185
South Dakota	2,650	42,556			45,206
Wisconsin	245,060	269,240			514,300
Sub-total	4,892,365	3,571,764	2,800	2,600	8,469,529
<u>Southern</u>					
Alabama	369,861			5,895	375,756
Arkansas	184,927	6,000			190,927
Delaware	315,505				315,505
District of Columbia	70,576				70,576
Florida	694,177			167,049	861,226
Georgia	1,011,315			4,523	1,015,838
Kentucky	318,748				318,748
Louisiana	457,638			6,414	464,052
Maryland	768,107	5	11,361	14,112	793,585
Mississippi	213,377			625	214,002
North Carolina	572,101		1,426		573,527
Oklahoma	173,990	44,812			218,802
South Carolina	298,185				298,185
Tennessee	616,206	10	1,304		617,520
Texas	1,181,437	231,575		5,706	1,418,718
Virginia	471,685		11,584	6,000	489,269
West Virginia	101,592	4,800			106,392
Sub-total	7,819,427	287,202	25,675	210,324	8,342,628
<u>Western</u>					
Alaska	2,606	5,246			7,852
Arizona	50,003	33,219			83,222
California	1,053,979	835,206	28,000		1,917,185
Colorado	35,649	194,259			229,908
Idaho	5,924	32,865			38,789
Montana	3,031	32,472			35,503
Nevada	8,161	5,595			13,756
New Mexico	10,729	30,442			41,171
Oregon	98,267	110,738			209,005
Utah	19,197	91,869			111,066
Washington	107,177	159,152			266,329
Wyoming	6,260	10,968			17,228
Sub-total	1,400,983	1,542,031	28,000		2,971,014
Grand total	20,933,423	5,484,584	126,377	228,961	26,773,345

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13 - Primary distribution of sugar, continental United States, by states, January-February 1971

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1971	1970	1971	1970	1971	1970
Thousands of hundredweights ^{2/}						
New England						
Connecticut	198	200	4	7	204	215
Maine	79	74		4	80	80
Massachusetts	777	801		39	781	842
New Hampshire	59	47		*	59	49
Rhode Island	69	61		7	70	68
Vermont	44	33		3	44	36
Sub-total	1,226	1,216	4	60	1,238	1,290
Mid-Atlantic						
New Jersey	1,345	1,345	1	6	1,374	1,462
New York	2,315	2,413	48	142	2,386	2,654
Pennsylvania	1,935	1,897	31	79	1,992	2,048
Sub-total	5,595	5,655	80	227	5,752	6,164
North Central						
Illinois	1,517	1,107	1,250	2,443	2,770	3,593
Indiana	580	647	107	245	687	893
Iowa	120	98	196	259	316	357
Kansas	90	109	152	161	242	271
Michigan	481	531	418	640	899	1,171
Minnesota	95	75	316	379	412	454
Missouri	517	496	199	305	716	804
Nebraska	28	26	182	257	210	283
North Dakota	3	1	57	58	60	59
Ohio	1,214	1,044	383	552	1,599	1,599
South Dakota	3	3	42	50	45	54
Wisconsin	245	228	269	343	514	571
Sub-total	4,893	4,365	3,571	5,692	8,470	10,109
Southern						
Alabama	370	351			376	358
Arkansas	185	182	6	34	191	216
Delaware	316	369			316	369
District of Columbia	71	70			71	70
Florida	694	680			861	773
Georgia	1,011	995			1,016	998
Kentucky	319	352			319	352
Louisiana	458	572			464	587
Maryland	768	720	*		793	766
Mississippi	213	208			214	208
North Carolina	572	594			573	597
Oklahoma	174	214	45	48	219	262
South Carolina	298	293			298	293
Tennessee	616	618	*	*	618	618
Texas	1,181	1,150	231	316	1,419	1,479
Virginia	472	474			489	479
West Virginia	101	120	5	7	106	127
Sub-total	7,819	7,962	287	405	8,343	8,552
Western						
Alaska	3	4	5	4	8	8
Arizona	50	61	33	67	83	128
California	1,054	1,150	835	1,442	1,917	2,592
Colorado	36	54	194	234	230	288
Idaho	6	5	33	37	39	42
Montana	3	9	33	44	36	53
Nevada	8	15	6	4	14	19
New Mexico	11	11	30	28	41	39
Oregon	98	94	111	172	209	266
Utah	19	16	92	120	111	136
Washington	107	104	159	243	266	347
Wyoming	6	2	11	10	17	12
Sub-total	1,401	1,525	1,542	2,405	2,971	3,930
Grand total	20,934	20,723	5,484	8,789	26,774	30,045

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

* Less than 500 hundredweights.

Table 14. - Primary distribution of sugar, continental United States, by States, December 1970 (Revised)

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	116,903		2,206		119,109
Maine	40,726		950		41,676
Massachusetts	432,164	800	1,488		434,452
New Hampshire	34,286		806		35,092
Rhode Island	38,015		404		38,419
Vermont	13,934				13,934
Sub-total	676,028	800	5,854		682,682
Mid-Atlantic					
New Jersey	800,014	2,087	52,081	4,805	858,987
New York	1,318,542	36,272	21,435	920	1,377,169
Pennsylvania	1,102,127	19,967	28,541	252	1,150,887
Sub-total	3,220,683	58,326	102,057	5,977	3,387,043
North Central					
Illinois	751,345	2,227,031	3,450	5,000	2,986,826
Indiana	349,502	192,685			542,187
Iowa	65,413	214,173			279,586
Kansas	45,882	92,900			138,782
Michigan	336,156	558,898			895,054
Minnesota	45,459	226,498			271,957
Missouri	293,884	183,502			477,386
Nebraska	16,372	170,859			187,231
North Dakota	747	29,810			30,557
Ohio	682,568	218,378			900,946
South Dakota	1,933	25,894			27,827
Wisconsin	157,250	299,002			456,252
Sub-total	2,746,511	4,439,630	3,450	5,000	7,194,591
Southern					
Alabama	191,865			2,420	194,285
Arkansas	92,997	15,626			108,623
Delaware	126,493				126,493
District of Columbia	33,284				33,284
Florida	402,853			35,062	437,915
Georgia	542,304			2,228	544,532
Kentucky	202,099				202,099
Louisiana	323,256			10,627	333,883
Maryland	400,184		15,259	-720	414,723
Mississippi	118,204			870	119,074
North Carolina	333,895		806		334,701
Oklahoma	109,619	30,886		1	140,506
South Carolina	173,571		5	389	173,965
Tennessee	310,414		460		310,874
Texas	706,292	191,070		1,098	898,460
Virginia	242,985		3,626	7,000	253,611
West Virginia	65,423	2,400			67,823
Sub-total	4,375,738	239,982	20,156	58,975	4,694,851
Western					
Alaska	612	5,432			6,044
Arizona	29,174	96,668			125,842
California	616,057	1,867,802	11,200		2,495,059
Colorado	33,876	128,153			162,029
Idaho	1,638	31,394			33,032
Montana	6,588	27,392			33,980
Nevada	6,529	6,805			13,334
New Mexico	7,838	23,175			31,013
Oregon	47,658	173,334			220,992
Utah	7,366	75,311			82,677
Washington	50,346	262,362			312,707
Wyoming	4,038	5,364			9,402
Sub-total	811,720	2,703,191	11,200		3,526,111
Grand total	11,830,680	7,441,929	142,717	69,952	19,485,278

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 15. - Primary distribution of sugar, continental United States, by States, January-December 1970
(Revised)

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	1,302,401	23,670	54,026	200	1,380,297
Maine	511,423	23,731	10,259		545,413
Massachusetts	5,145,791	149,688	72,865	1,500	5,369,844
New Hampshire	367,356	2,185	13,127		382,668
Rhode Island	383,382	31,575	33,542		448,499
Vermont	221,477	11,103			232,580
Sub-total	7,931,830	241,952	183,819	1,700	8,359,301
Mid-Atlantic					
New Jersey	9,529,735	14,025	725,363	40,767	10,309,890
New York	15,577,369	460,136	688,284	10,010	16,735,799
Pennsylvania	13,144,346	260,479	536,158	13,252	13,954,235
Sub-total	38,251,450	734,640	1,949,805	64,029	40,999,924
North Central					
Illinois	8,941,681	16,680,285	19,750	62,500	25,704,216
Indiana	4,665,389	1,572,809	3,600		6,241,798
Iowa	657,957	1,928,554			2,586,511
Kansas	540,912	1,160,674		3,030	1,704,616
Michigan	3,698,533	4,520,535		1	8,219,069
Minnesota	444,932	2,684,704			3,129,636
Missouri	3,472,302	1,921,684		5,980	5,399,966
Nebraska	234,872	1,625,332			1,860,204
North Dakota	10,918	370,485			381,403
Ohio	8,204,589	2,736,314	2,400	10,000	10,953,303
South Dakota	25,569	317,035			342,604
Wisconsin	1,729,054	2,841,608			4,570,662
Sub-total	32,626,708	38,360,019	25,750	81,511	71,093,988
Southern					
Alabama	2,628,412			20,164	2,648,576
Arkansas	1,211,372	128,621		8	1,340,001
Delaware	1,949,504		2,920		1,952,424
District of Columbia	443,969		1,000		444,969
Florida	4,549,446		400	821,790	5,371,636
Georgia	6,956,584		1,920	19,513	6,978,017
Kentucky	2,402,279	2			2,402,281
Louisiana	3,902,950			56,886	3,959,836
Maryland	5,197,231	5	276,018	5,697	5,478,951
Mississippi	1,513,860			1,425	1,515,285
North Carolina	4,132,298		20,662	99	4,153,059
Oklahoma	1,279,598	387,092		2	1,666,692
South Carolina	2,109,785		4,898	389	2,115,072
Tennessee	4,100,621	-18	2,960		4,103,563
Texas	8,680,301	1,820,759	60	47,998	10,549,118
Virginia	3,089,219		93,669	19,050	3,201,938
West Virginia	900,550	17,560	11,100		929,210
Sub-total	55,047,979	2,354,021	415,607	993,021	58,810,628
Western					
Alaska	19,688	44,560			64,248
Arizona	299,933	643,875			943,808
California	6,004,233	16,983,573	110,654		23,098,460
Colorado	267,290	1,513,935		3	1,781,228
Idaho	33,667	339,875			373,542
Montana	53,459	308,357			361,816
Nevada	67,809	62,884			130,693
New Mexico	66,466	218,045			284,511
Oregon	506,370	1,744,748	13,237		2,264,355
Utah	98,712	756,275			854,987
Washington	615,604	2,338,177	51,089		3,004,870
Wyoming	28,632	72,788			101,420
Sub-total	8,061,863	25,027,092	174,980	3	33,263,938
Grand total	141,919,830	66,717,724	2,749,961	1,140,264	212,527,779

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis

Table 16.- Primary distribution of sugar, continental United States, by states, January-December 1970
(revised)

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights ^{2/}						
New England						
Connecticut	1,302	1,216	24	32	1,380	1,336
Maine	511	496	24	42	545	539
Massachusetts	5,146	4,983	150	235	5,370	5,280
New Hampshire	367	378	2	9	383	387
Rhode Island	383	377	31	46	448	443
Vermont	222	229	11	11	233	240
Sub-total	7,931	7,679	242	375	8,359	8,225
Mid-Atlantic						
New Jersey	9,530	8,718	14	141	10,310	9,575
New York	15,577	14,912	460	716	16,736	16,437
Pennsylvania	13,144	12,003	261	771	13,954	13,357
Sub-total	38,251	35,633	735	1,628	41,000	39,369
North Central						
Illinois	8,942	8,499	16,680	14,530	25,704	23,106
Indiana	4,665	4,119	1,573	1,651	6,242	5,780
Iowa	658	688	1,928	1,729	2,586	2,417
Kansas	541	548	1,161	1,014	1,705	1,566
Michigan	3,698	3,202	4,521	4,189	8,219	7,391
Minnesota	445	464	2,685	2,502	3,130	2,973
Missouri	3,472	3,359	1,922	1,792	5,400	5,159
Nebraska	235	168	1,625	1,563	1,860	1,733
North Dakota	11	4	370	310	381	314
Ohio	8,205	7,109	2,736	3,066	10,953	10,188
South Dakota	26	22	317	321	343	343
Wisconsin	1,729	1,523	2,842	2,787	4,571	4,310
Sub-total	32,627	29,705	38,360	35,454	71,094	65,280
Southern						
Alabama	2,629	2,652			2,649	2,665
Arkansas	1,211	1,151	129	125	1,340	1,276
Delaware	1,949	1,805		39	1,952	1,847
District of Columbia	444	415		4	445	421
Florida	4,549	3,998			5,372	4,767
Georgia	6,957	7,020			6,978	7,040
Kentucky	2,402	2,322	*	58	2,402	2,380
Louisiana	3,903	3,920			3,960	3,967
Maryland	5,197	4,610	*	48	5,479	4,914
Mississippi	1,514	1,488			1,515	1,488
North Carolina	4,132	4,109			4,153	4,122
Oklahoma	1,280	1,231	387	455	1,667	1,688
South Carolina	2,110	1,868			2,115	1,868
Tennessee	4,101	4,045		6	4,104	4,054
Texas	8,680	7,223	1,821	2,649	10,549	9,922
Virginia	3,089	3,016		21	3,202	3,087
West Virginia	901	856	17	15	929	877
Sub-total	55,048	51,729	2,354	3,420	58,811	56,383
Western						
Alaska	20	34	44	30	64	64
Arizona	300	378	644	392	944	770
California	6,004	9,183	16,984	12,426	23,098	21,657
Colorado	267	290	1,514	1,363	1,781	1,653
Idaho	34	44	340	345	374	389
Montana	53	43	308	286	362	329
Nevada	68	103	63	39	131	142
New Mexico	66	76	218	185	284	261
Oregon	506	706	1,745	1,478	2,264	2,192
Utah	99	101	756	705	855	806
Washington	616	793	2,338	1,900	3,005	2,739
Wyoming	29	12	73	78	102	90
Sub-total	8,062	11,763	25,027	19,227	33,264	31,092
Grand total	141,919	136,509	66,718	60,104	212,528	200,349

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

* Less than 500 hundredweights.

Table 17.- Sugar prices

Year and month	Raw cane sugar-spot price			Quota premium and discount			Refined beet sugar - quoted wholesale (gross) 4/		
	Domestic	"World"					Eastern	Chicago-	Pacific
	sugar at NY. 1/	sugar 2/					West	Coast	Coast
	Cents per pound								
1966-70 Monthly average	7.52	2.59		+3.93			10.08	10.08	10.19
1969 " "	7.75	3.37		+3.38			10.23	10.23	10.14
1970 Monthly average	8.07	3.75		+3.19			11.08	11.08	10.79
<u>1970</u>									
April	7.90	3.62		+3.16			10.85	10.85	10.50
May	8.16	3.75		+3.26			10.85	10.85	10.70
June	8.22	3.82		+3.25			11.20	11.20	10.70
July	8.16	3.86		+3.15			11.20	11.20	10.70
August	8.19	3.89		+3.15			11.20	11.20	10.70
September	8.16	3.93		+3.08			11.35	11.35	11.20
October	8.14	3.99		+3.00			11.45	11.45	11.20
November	7.96	4.18		+2.63			11.45	11.45	11.20
December	8.02	4.16		+2.71			11.45	11.45	11.20
<u>1971</u>									
January	8.35	4.73		+2.42			11.52	11.52	11.20
February	8.44	4.83		+2.41			11.60	11.60	11.20
March	8.37	4.71		+2.46			11.60	11.60	11.40
Last 12-month average	8.17	4.12		2.89			11.31	11.31	10.99
Year and month	Refined cane sugar - quoted wholesale (gross) 4/						Retail U.S. average		
	North	South		Gulf	Chicago-	Pacific			
	East	East			West	Coast			
	Cents per pound								
1966-70 Monthly average	11.05	10.61		10.42	10.14	10.19			12.36
1969 Monthly average	11.44	10.85		10.50	10.23	10.14			12.40
1970 Monthly average	11.97	11.41		11.04	11.08	10.79			12.97
<u>1970</u>									
April	11.70	11.20		10.90	10.85	10.50			12.76
May	11.88	11.20		10.90	10.85	10.70			12.84
June	12.05	11.43		11.15	11.20	10.70			12.92
July	12.05	11.50		11.15	11.20	10.70			13.04
August	12.05	11.50		11.15	11.20	10.70			13.12
September	12.20	11.65		11.15	11.35	11.20			13.16
October	12.20	11.65		11.15	11.45	11.20			13.22
November	12.20	11.65		11.15	11.45	11.20			13.34
December	12.20	11.65		11.15	11.45	11.20			13.40
<u>1971</u>									
January	12.20	11.76		11.30	11.52	11.20			13.40
February	12.20	11.80		11.30	11.60	11.20			13.44
March	12.40	12.00		11.50	11.60	11.40			13.46
Last 12-month average	12.11	11.58		11.16	11.31	10.99			13.18

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cents per pound.

2/ Spot prices are for bulk sugar under Contract No. 11 which, beginning Jan. 1, 1971, replaces Contract No. 8. The terms of these contracts are f.o.b. and stowed at Greater Caribbean ports, including Brazil.

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges before calculating the differential from the "World Contract" spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

Table 18-Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined	Dextrose		Corn sirup		Dextrose		Corn sirup	
	sugar	New York <u>2/</u>		New York <u>3/</u>		relative to		relative to	
	wholesale					refined sugar		refined sugar	
	north-	Quoted	Dry	Quoted	Dry	Quoted	Dry	Quoted	Dry
	east <u>1/</u>		basis <u>4/</u>		basis <u>4/</u>		basis		basis
		Cents per pound				Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.55	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
1970	11.97	9.38	10.20	6.79	8.45	78	85	55	
1970									
April	11.70	9.24	10.04	6.50	8.09	79	86	56	69
May	11.88	9.24	10.04	6.50	8.09	78	85	55	68
June	12.05	9.24	10.04	6.50	8.09	77	83	54	67
July	12.05	9.41	10.23	6.54	8.14	78	85	54	68
August	12.05	9.52	10.35	6.90	8.59	79	86	57	71
September	12.20	9.52	10.35	7.26	9.04	78	85	60	74
October	12.20	9.61	10.45	7.26	9.04	79	86	60	74
November	12.20	9.64	10.48	7.26	9.04	79	86	60	74
December	12.20	9.61	10.45	7.26	9.04	79	86	60	74
1971									
January	12.20	9.64	10.48	7.26	9.04	79	86	60	74
February	12.20	9.64	10.48	7.26	9.04	78	86	60	74
March	12.40	9.77	10.62	7.31	9.10	79	86	59	73
Last 12-month average	12.11	9.51	10.33	6.98	8.70	79	85	58	72

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964, price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 19- Refined sugar production and month end stocks

Year and month	Production		Month-end stocks ^{1/}	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
1970 monthly average	637	293	254	1,144
<u>1970</u>				
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	629	111	225	842
August	662	117	220	557
September	691	140	215	324
October	673	614	217	696
November	616	683	245	1,157
December	642	596	253	1,348
<u>1971</u>				
January	600	466	273	1,679
February	542 ^{2/}	154	265 ^{2/}	1,681 ^{2/}
March ^{3/}	705	119	275	1,501
Last 12-month average	645	279	257	1,138

^{1/} Includes over-quota and quota exempt.^{2/} Revised^{3/} Preliminary

Table 20.-Raw sugar receipts, within quotas for consumption in continental United States, 1970

Area of origin	Month of arrival												Year :total
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	
	1,000 short tons, raw value												
By area of origin													
Domestic													
Hawaii	25	51	66	123	137	51	30	129	84	193	136	112	1,137
Puerto Rico	7	34	27	8	16	29	47	8	20	20	14		230
Sub-total	32	85	93	131	153	80	77	137	104	213	150	112	1,367
Foreign													
Argentina	4	5	17	28					15			11	80
Australia	2								69	61	40	34	206
Bahama		2	3	2	2				1				19
Bolivia												8	8
Brazil	96		68	26		85	62	50	104	55	86	5	637
British Honduras	1	7						5				3	16
British West Indies	2	5	22	21	17	5	9	17	32	23	34	28	215
China	4			45		23					14		86
Colombia	2		10		9	26		8	7	4		2	68
Costa Rica	4	6	5	10	10	9	1	16	5	6	2		75
Dominican Republic	63	28	122	81	106	81	32	47	24	41	44	9	678
Ecuador	2	9		21		2					31	26	91
El Salvador	2	15	4	12		6					7		46
Fiji Islands	2						12			15		16	45
French West Indies			25	5	5	14	17			3			69
Guatemala	3	18	20	5		8	2	3		4			63
Haiti				6	7		4		4			1	22
Honduras	5						2						7
India	4					14	27			14		24	83
Malagasy												10	10
Mauritius												18	18
Mexico	54	69	77	89	49	115	51	98	27	18	1	3	651
Nicaragua		2	10	6	21	2	17	7				11	76
Panama	2	4	5	3	7	6	1	5					33
Peru	22	32	33	14	30	11	7	32	65	51	73	86	456
Philippines			104	133	131	165	170	155	107	76	104	143	1,288
South Africa		5	49					7					61
Swaziland										8			8
Thailand									19				19
Venezuela		8		10		9		4			2		33
Sub-total	274	215	574	517	394	581	414	454	480	379	438	438	5,158
Total	306	300	667	648	547	661	491	591	584	592	588	550	6,525
By port of entry													
All areas													
Boston	20	15	55	40	44	39	43	56	40	28	55	49	484
New York	72	50	133	139	58	195	115	76	154	67	161	136	1,356
Philadelphia	62	43	110	80	97	84	65	84	74	133	88	48	968
Baltimore	12	37	61	81	23	57	119	14	78	38	84	59	666
Savannah								12	12	11	11		46
New Orleans	95	61	186	170	178	246	138	266	192	157	110	137	1,936
Galveston-Houston	13	9	29	41	36	37	11	70	17	54	25		342
San Francisco	32	85	93	97	111			13	17	104	54	121	727
Total	306	300	667	648	547	661	491	591	584	592	588	550	6,525
Domestic													
New York									27	12	25		64
Philadelphia										14			14
Baltimore						12	41		20	20	14	7	114
New Orleans				8	16	43	36	61	28	12	32		236
Dallas-Houston				26	26	25		63	12	51	25		228
San Francisco	32	85	93	97	111			13	17	104	54	105	711
Total	32	85	93	131	153	80	77	137	104	213	150	112	1,367

Table 20- (Continued) Raw sugar receipts, within quotas for consumption in continental United States, 1970

Area of origin	Port of entry								All ports
	Boston	New York	Phila- delphia	Balti- more	Savannah	New Orleans	Galveston Houston	San Francisco	
	1,000 short tons, raw value								
Domestic									
Hawaii		66	14	7		154	229	667	1,137
Puerto Rico			15	124		65	26		230
Sub-total		66	29	131		219	255	667	1,367
Foreign									
Argentina		23	38	4	15				80
Australia			120			86			206
Bahamas			2		1	7			10
Bolivia	8								8
Brazil	25	134	123	43	11	301			637
British Honduras						16			16
British West Indies	44	37	23	4	7	92	8		215
China			14	72					86
Colombia	6	14	10	31		7			68
Costa Rica	28	25				22			75
Dominican Republic	210	113	142	96	4	90	23		678
Ecuador	15	39	5			32			91
El Salvador	15	5				19	7		46
Fiji Islands		30				15			45
French West Indies	11	14				44			69
Guatemala		1	17			45			63
Haiti		4				16	2		22
Honduras			2			5			7
India	31	52							83
Malagasy		10							10
Mauritius	7		11						18
Mexico	10	49	40	36		453	63		651
Nicaragua	21	23				32			76
Panama							30	3	33
Peru	12	85	92	79	11	177			456
Philippines	36	560	336	177	11	151		17	1,288
South Africa		18	14	24		5			61
Swaziland				8					8
Thailand	10			9					19
Venezuela		17				16			33
Sub-total	489	1,253	989	583	60	1,631	133	20	5,158
Total	489	1,319	1,018	714	60	1,850	388	687	6,525

Table 21.-Direct-consumption sugar receipts within quotas for consumption in continental United States, 1970

Area of origin or months	Port of entry								All ports
	Boston	New York	Phila- delphia	Balti- more	Virginia	South Carolina	California	Washington: Oregon	
	Short tons, raw value								
	By area of origin								
Hawaii							1,285	6,623	7,908
Ireland		2,005	1,870	1,475					5,350
Panama		3,348		469					3,817
Philippines			278	838			5,799		6,915
Puerto Rico	2,638	88,400		26,623	3,727	687	133	3,442	125,650
Total	2,638	93,753	2,148	29,405	3,727	687	7,217	10,065	149,640
	By month of arrival								
January		6,231	935	1,501	300				8,967
February		7,391	935	2,740	108			900	12,074
March		4,498		2,104	129	128	74	268	7,201
April		9,154		2,416	428	40	24	1,760	13,822
May		12,819		3,521	171	115	193	1,023	17,842
June		12,350		3,711	279	107	143	1,338	17,928
July	150	10,514		2,802	260		1,877	2,529	18,132
August	771	7,085		2,988	345	43	1,892	923	14,047
September	794	8,080		2,720	756	78		1,275	13,703
October	558	6,478		1,917	736	64	2,391	49	12,193
November	279	6,616		2,190	215	64	24		9,388
December	86	2,537	278	795		48	599		4,343
Total	2,638	93,753	2,148	29,405	3,727	687	7,217	10,065	149,640

Supplement to SUGAR STATISTICS, Volume II, for Hawaii and Puerto Rico

This supplement brings to date Statistical Bulletin No. 244, "Sugar Statistics and Related Data," Volume II (revised), issued February 1969 as it relates to the domestic cane areas of Hawaii and Puerto Rico.

Some readers may want to transcribe the data appearing in this supplement to the tables in that bulletin. A cross-reference of the tables in this supplement to the corresponding tables in Volume II is shown below.

Copies of Statistical Bulletin No. 244 may be obtained upon request to the Information Division, Agricultural Stabilization and Conversation Service, U. S. Department of Agriculture, Washington, D.C. 20250.

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A. SUGAR PRODUCTION

Area	Crop year	96 ⁰ basis	Raw value	Refined equivalent	Table in Vol. 11
1,000 tons					
Hawaii	1969		1,182	1,105	38
	1970		1,162	1,086	
Puerto Rico	1969-70	455	460	430	43

B. FARMS, ACREAGE, SUGARCANE PRODUCTION AND YIELD

Area	Crop year	Farms	Cane acreage		Cane production		Table in Vol. 11
			Growing	Harvested	Total	Per harvested acre	
		Number	1,000 acres		1,000 tons	Tons	
Hawaii	1969	528 ^{1/}	242.2	113.2	10,839	95.7	39
	1970	n.a.	n.a.	113.8	10,457	91.9	
Puerto Rico	1968-69	6,531	n.a.	180.1	5,897	32.7	45
	1969-70	5,565	n.a.	188.8	5,891	31.2	

^{1/} Farms harvesting cane.

C. NUMBER OF FARMS BY SIZE GROUPS: SUGARCANE ACREAGE HARVESTED PUERTO RICO - Table 44 in Vol. 11

Size group of harvested acres		1969-70	1968-69
		Number	
0.1	5.0	2,713	3,330
5.1	10.0	1,066	1,188
10.1	15.0	441	534
15.1	25.0	412	467
25.1	50.0	387	432
50.1	100.0	236	266
100.1	150.0	85	103
150.1	200.0	47	62
200.1	250.0	42	41
250.1	500.0	83	71
500.1	750.0	31	20
750.1	1,000.0	5	2
1,000.1	1,500.0	6	6
1,500.1	2,000.0	4	3
2,000.1	3,000.0	2	1
3,000.1 and above		5	5
Total		5,565	6,531

D. MANUFACTURING DATA

Hawaii, Table 40 in Vol. II

Crop year	Cane ground for sugar	Sugar produced		Sucrose content in cane	Recovery of sucrose in raw sugar from sucrose in cane
		Raw value	Per ton of cane ground		
		1,000 tons	Pounds raw value	Percent	
1969	10,839	1,182	218	10.90 n.a.	n.a.
1970	10,457	1,162	222	11.11 n.a.	n.a.

Puerto Rico, Table 46 in Vol. II

Crop year	Cane ground for sugar	Sugar produced						Sucrose content in cane	Crusher juice sucrose	Crusher juice purity	Recovery of sucrose in raw sugar from sucrose in cane
		96° basis	Raw value	96° basis	Raw value	96° basis	Raw value				
		1,000 tons	Pounds					Percent			
1968-69	5,897	478	483	162	164	8.11	8.19	10.54	13.91	78.81	73.87
1969-70	5,891	455	460	154	156	7.72	7.81	10.45	14.04	78.57	70.92

E. SUGAR ACT PAYMENTS

Area	Crop year	Producer payee	Payments						Table in Vol. II
			For sugarcane marketed	For acreage abandonment due to disaster	For deficiency in yields	Total	Per farm	Per cwt. sugar raw value	
		Number	Dollars						
Hawaii	1969	612	10,462,831			10,462,831	19,816	.44	41
Puerto Rico	1968-69	6,671	6,786,010		540	6,786,550	1,039	.70	47
	1969-70	5,638	6,341,340			6,341,340	1,140	.69	

F. VALUE OF RAW SUGAR AND MOLASSES, HAWAII

Crop year	Value from sale		Total	Table in Vol. II
	Raw sugar	Molasses		
	1,000 dollars			
1969	171,498	7,196	178,694	42
1970	180,680	6,715	187,395	

G. VALUE OF RAW SUGAR, MOLASSES AND GROWERS' RETURNS FROM SUGARCANE

Area	Crop year	Value from sale			Growers' returns from sugarcane:			Table in Vol. II
		Raw sugar	Molasses	Total	Processor: payments	Sugar Act payments	Total	
1,000 dollars								
Puerto Rico	1966-67	119,101	7,776	126,877	74,093	11,066	85,159	48
	1967-68 ^{1/}	97,008	5,675	102,683	59,640	9,534	69,174	
	1968-69 ^{1/}	74,865	3,779	78,644	44,699	6,787	51,486	
	1969-70 ^{1/}	74,244	4,139	78,383	45,655	6,341	51,996	

^{1/} Estimated

H. GROWERS' RETURNS PER TON OF SUGARCANE PRODUCED FOR SUGAR

Area	Crop year	Basis of payment		Processor payments		Sugar Act payments		Total	Table in Vol. II
		Raw sugar per pound	Molasses per gallon	Sugar	Molasses	Sugar	Abandonment and deficiency		
		Cents		Dollars per ton					
Puerto Rico	1967-68 ^{1/}	6.89	12.81	8.48	.57	1.36	.09	10.50	49
	1968-69 ^{1/}	7.11	9.04	7.16	.42	1.15		8.73	
	1969-70 ^{1/}	7.43	13.00	7.09	.66	1.08		8.83	

^{1/} Estimated

I. TOTAL RETURNS FROM SUGAR AND MOLASSES: DISTRIBUTION BETWEEN GROWER AND PROCESSORS

Area	Crop year	Total returns excluding Government payments		Total returns including Government payments		Table in Vol. II
		Grower	Processor	Grower	Processor	
		Percent				
Puerto Rico	1968-69 ^{1/}	57	43	60	40	50
^{1/} Estimated	1969-70 ^{1/}	58	42	61	39	